Enclosed herewith in full compliance to 37 C.F.R. §§1.821-1.825 is a Substitute Sequence Listing to be inserted into the specification as indicated above. The Substitute Sequence Listing in no way introduces new matter into the specification.

Also submitted herewith in full compliance to 37 C.F.R. §§1.821-1.825 is a disk copy of the Substitute Sequence Listing. The disk copy of the Substitute Sequence Listing, file "3669-0103P.ST25", is identical to the paper copy, except that it lacks formatting.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future submissions, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §1.16 or under 37 C.F.R. §1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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GMM/RG/KW
3669-0103P
Attachments: Paper and Disk Copy of Substitute Sequence Listing
Copy of Notice to File Missing Parts of Nonprovisional Application
Marked Up Version of the Specification

VERSION WITH MARKINGS TO SHOW CHANGES MADE

BRIEF DESCRIPTION OF THE FIGURES

Figure 1 is a representation of the nucleotide sequence of *hcc-1*. (SEQ ID NO:1)

Figure 2 is a representation of the amino acid sequence of HCC-1 (SEQ ID NO:2); underlined sequences are amino acid sequences obtained by MS/MS analysis.

Figure 3 is a representation of the nucleotide sequence of *hcc-1* following amplification through long distance polymerase chain reaction (PCR) (SEQ ID NO:3) and used to construct an expression vector (873 bp).

Figure 4 is a photographic representation showing PCR amplification of *hcc-1* cDNA in normal and tumour liver tissues. M: DNA size marker; 1, Tumour tissue; 2, Normal tissue; 3, Negative control.

Figure 5 is a representation of the untranslated region of *hcc-1*. (SEQ ID NO:4) Underlined sequences are the minicstrones or uORFs before the start of the P151 coding region with the start and stop codons in bold.